

```

5' ATG AAG TTC ATC TCG ACA TCT CTG CTT CTC ATG CTG CTG GTC AGC AGC CTC TCT
   M  K  F  I  S  T  S  L  L  L  M  L  L  V  S  S  L  S

      9      18      27      36      45      54
CCA GTC CAA GGT GTT CTG GAG GTC TAT TAC ACA AGC TTG AGG TGT AGA TGT GTC
P  V  Q  G  V  L  E  V  Y  Y  T  S  L  R  C  R  C  V

      63      72      81      90      99      108
CAA GAG AGC TCA GTC TTT ATC CCT AGA CGC TTC ATT GAT CGA ATT CAA ATC TTG
Q  E  S  S  V  F  I  P  R  R  F  I  D  R  I  Q  I  L

      117     126     135     144     153     162
CCC CGT GGG AAT GGT TGT CCA AGA AAA GAA ATC ATA GTC TGG AAG AAG AAC AAG
P  R  G  N  G  C  P  R  K  E  I  I  V  W  K  K  N  K

      171     180     189     198     207     216
TCA ATT GTG TGT GTG GAC CCT CAA GCT GAA TGG ATA CAA AGA ATG ATG GAA GTA
S  I  V  C  V  D  P  Q  A  E  W  I  Q  R  M  M  E  V

      225     234     243     252     261     270
TTG ACA AAA AGA AGT TCT TCA ACT CTA CCA GTT CCA GTG TTT AAG AGA AAG ATT
L  R  K  R  S  S  S  T  L  P  V  P  V  F  K  R  K  I

      279     288     297     306     315     324
CCC TGA 3'
P  *

```

FIG. 1

		10	20	30																													
1	M	S	L	L	S	S	R	A	A	R	V	P	G	P	S	S	S	-	L	C	A	L	L	V	L	L	L	L	L	T	ENA78		
1	M	A	-	-	-	-	R	A	T	L	S	A	A	P	S	N	P	R	L	L	R	V	A	L	L	L	L	L	L	V	GRO-beta		
1	M	A	-	-	-	-	H	A	T	L	S	A	A	P	S	N	P	R	L	L	R	V	A	L	L	L	L	L	L	V	GRO-gamma		
1	M	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	K	L	A	V	A	L	L	A	A	F	L	I	IL-8	
1	M	A	-	-	-	-	R	A	A	L	S	A	A	P	S	N	P	R	L	L	R	V	A	L	L	L	L	L	L	V	MGSA		
1	M	S	-	-	-	-	S	A	A	G	F	C	A	S	R	P	G	L	L	F	L	G	L	L	L	L	L	P	L	V	PF4		
1	M	K	F	I	S	T	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	L	L	L	M	L	L	ADEC
		40	50	60																													
30	Q	P	G	P	I	A	S	A	G	P	A	A	A	V	L	R	E	L	R	C	V	C	L	O	T	T	-	O	G	V	ENA78		
27	A	A	S	R	R	A	A	G	A	P	L	A	T	-	-	-	E	L	R	C	Q	C	L	Q	T	L	-	Q	G	I	GRO-beta		
27	G	-	S	R	R	A	A	G	A	S	V	V	T	-	-	-	E	L	R	C	Q	C	L	Q	T	L	-	Q	G	I	GRO-gamma		
16	S	A	A	L	C	-	E	G	A	V	L	P	R	S	A	K	E	L	R	C	Q	C	I	K	T	Y	S	K	P	F	IL-8		
27	A	A	G	R	R	A	A	G	A	S	V	A	T	-	-	-	E	L	R	C	Q	C	L	Q	T	L	-	O	G	I	MGSA		
26	V	A	F	A	S	A	E	A	E	E	D	G	-	-	-	D	L	Q	C	L	C	V	K	T	T	-	S	Q	V	PF4			
14	V	S	S	L	S	P	V	Q	G	V	L	E	V	Y	Y	T	S	L	R	C	R	C	V	Q	E	S	S	V	F	I	ADEC		
		70	80	90																													
59	H	P	K	M	I	S	N	L	Q	V	F	A	I	G	P	Q	C	S	K	V	E	V	V	A	S	L	K	N	G	K	ENA78		
53	H	L	K	N	I	Q	S	V	K	V	K	S	P	G	P	H	C	A	Q	T	E	V	I	A	T	L	K	N	G	Q	GRO-beta		
52	H	L	K	N	I	Q	S	V	N	V	R	S	P	G	P	H	C	A	Q	T	E	V	I	A	T	L	K	N	G	K	GRO-gamma		
45	H	P	K	F	I	K	E	L	R	V	I	E	S	G	P	H	C	A	N	T	E	I	I	V	K	L	S	D	G	R	IL-8		
53	H	P	K	N	I	Q	S	V	N	V	K	S	P	G	P	H	C	A	Q	T	E	V	I	A	T	L	K	N	G	R	MGSA		
51	R	P	R	H	I	T	S	L	E	V	I	K	A	G	P	H	C	P	T	A	Q	L	I	A	T	L	K	N	G	R	PF4		
44	P	R	R	F	I	D	R	I	Q	I	L	P	R	G	N	G	C	P	R	K	E	I	I	V	W	K	K	N	K	S	ADEC		
		100	110	120																													
89	E	I	C	L	D	P	E	A	P	F	L	K	K	V	I	Q	K	I	L	D	G	G	N	K	E	-	-	-	-	-	ENA78		
83	K	A	C	L	N	P	A	S	P	M	V	K	K	I	I	E	K	M	L	K	N	G	-	K	S	-	-	-	-	-	GRO-beta		
82	K	A	C	L	N	P	A	S	P	M	V	Q	K	I	I	E	K	I	L	N	K	G	-	S	T	-	-	-	-	-	GRO-gamma		
75	E	L	C	L	D	P	K	E	N	W	V	Q	R	V	V	E	K	F	L	K	R	A	E	N	S	-	-	-	-	-	IL-8		
83	K	A	C	L	N	P	A	S	P	I	V	K	K	I	I	E	K	M	L	N	S	D	-	K	S	-	-	-	-	-	MGSA		
81	K	I	C	L	D	L	Q	A	P	L	Y	K	K	I	I	K	K	L	L	E	S	-	-	-	-	-	-	-	-	-	PF4		
74	I	V	C	V	D	P	Q	A	E	W	I	Q	R	M	M	E	V	L	R	K	R	S	S	S	T	L	P	V	P	V	ADEC		
		114	107	106	99	107	101	104																									
		-	-	-	-	-	N																								ENA78		
		-	-	-	-	-	N																								GRO-beta		
		-	-	-	-	-	N																								GRO-gamma		
		-	-	-	-	-	N																								IL-8		
		-	-	-	-	-	N																								MGSA		
		-	-	-	-	-	N																								PF4		
		-	-	-	-	-	N																								ADEC		

DECORATION 'DECORATION #1': BOX RESIDUES THAT MATCH THE CONSENSUS EXACTLY.

FIG. 2

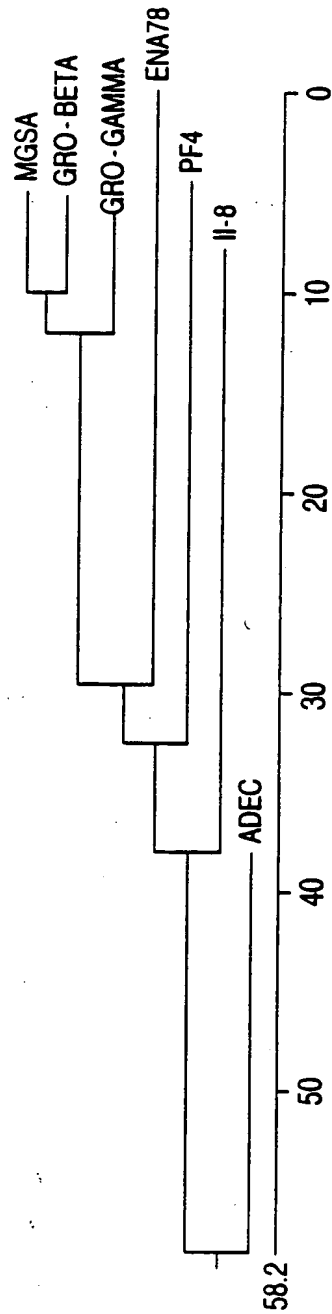


FIG. 3

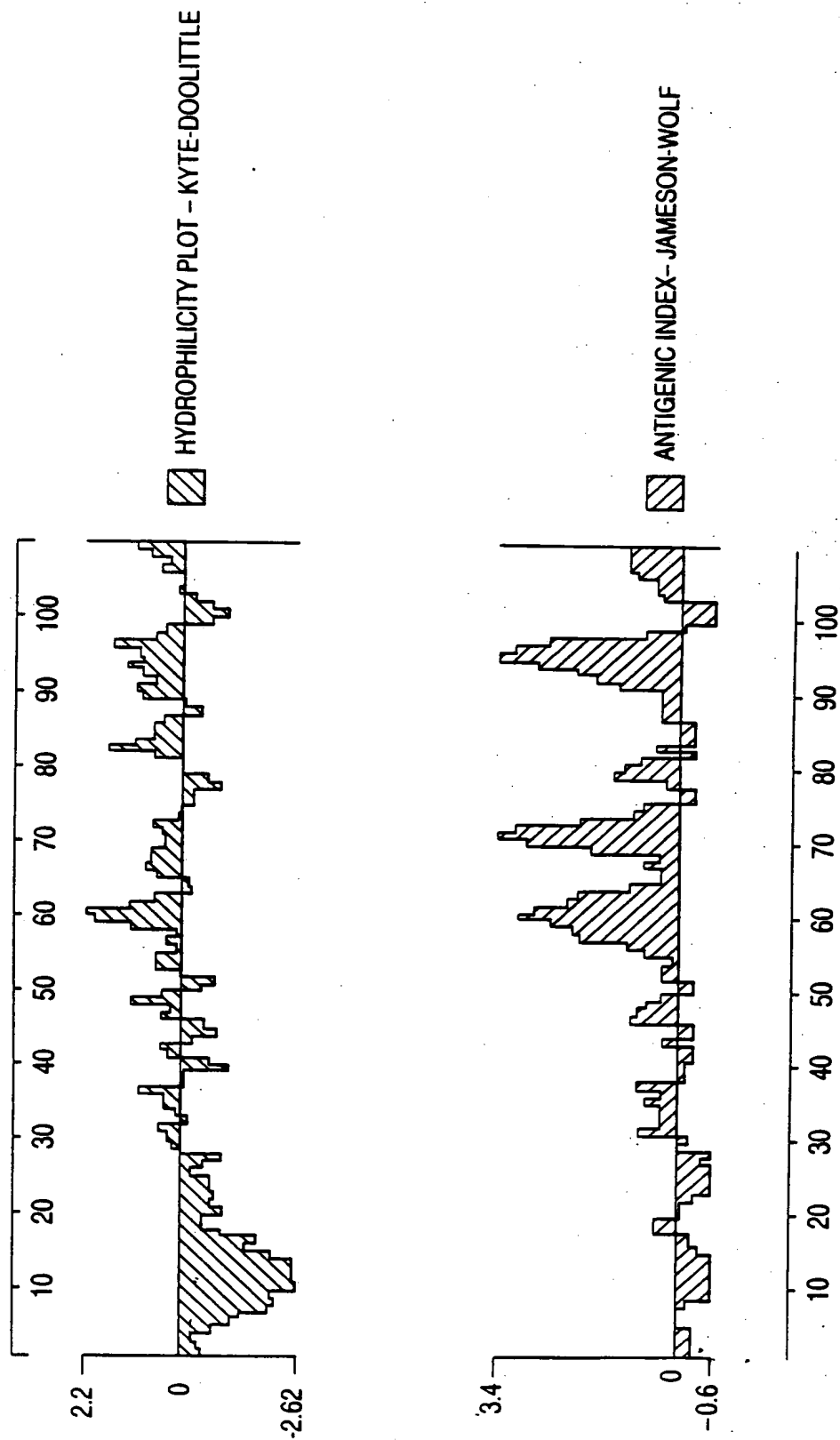


FIG. 4